



Bus Buccaneers Fined \$200

Tuesday Trial Closes

Trios Columbang Spree

After one postponement, the case of the three Institute Seniors who borrowed an MTA bus for a spin at their class' Columbus Day picnic was settled in Natick court last Tuesday. The pranksters were fined a total of two hundred dollars.

Originally set for October 25, the trial was postponed one week when the lawyer for the party involved in a slight accident with the stolen vehicle was unable to make the first date. At the time of the incident, the three men pleaded not guilty to the charge of driving a public vehicle without proper authority. On Tuesday, fines of fifty dollars were leveled against them for theft of the bus and an additional fifty extracted from the driver for actually operating it.

In line with its usual policy, the Office of the Dean of Students suspended any action until the matter was cleared up in court.

OFFICIAL NOTICE

Upon the recommendation of the Undergraduate Judicial Committee of Institute Committee, with which the Faculty Committee on Provisional Students and Discipline concurs, the case involving three students charged with illegal driving of an MTA bus has been closed. The case was settled in the Natick court upon payment of fines by the three students.

(Signed) Gerald A. Fisch
Chairman of Judicial
Committee of Institute
Committee
Everett Moore Baker
Chairman, Faculty
Committee on Provisional
Students and Discipline

Private Branch Exchange at Tech Is the Largest in New England

by PARKER GAY

The dial telephone network which interconnects the hundreds of offices and laboratories at Technology comprises the largest private branch exchange in the territory of the New England Telephone and Telegraph Company. Direct communication is maintained not only between Technology offices and laboratories but with many other locations frequently called from the Institute. Altogether, there is a capacity of 1400 lines.

Automatic Beard

The "brains" of the PBX is the large automatic dial switchboard located on the second floor of building 10. This takes care of all calls made within the network. In addition to this, a manual switchboard with a peak of four operators during the hours of heaviest calling handles calls coming into the network from the outside, outgoing long distance calls, and administrators to the needs of those who dial "operator." The technical supervision of the network is in the hands of Professor C. E. Tucker.

The Number Code

All parts of the network may be reached directly from any other telephone in the system by merely picking up the receiver and dialing the correct three or four digit number. In most cases these numbers begin with the course number of

HEADS, YOU WIN



Photo by Honigsberg

Dates for TP with these five Rogers models will go to the winners of the Tech's-A-Poppin Hello Blind Date Contest next Thursday.

Cast For 1950 Tech Show Announced; Maine Fishing Village to Provide Setting

The selections for the cast of this year's Tech Show have tentatively been announced. The musical comedy, a whimsical fantasy with a Maine fishing village as its setting, has as its central character the ghost of Leif Ericson who will be played by Joe Gottlieb '50, star of the 1949 Tech Show.

James Bresee, a graduate student, will play the part of John, a handsome young fisherman, while the two leading feminine roles, Jennie, John's village sweetheart, and Toni, a girl from the big city will be handled by Gwen Downhill, a Technology wife, and Dorothy Liftig, an Emerson College dramatic student, respectively. The other major role, that of Leticia Wilson, Leif Ericson's housekeeper, will be

played by another Institute wife, Belton Moore.

Script by Abelson, Van Stolk
The script, written by Robert Abelson '48 and Adrian Van Stolk '49 with music by Johnny Leffler '51, provides for many more speaking parts than any previous Tech Show. Those in the fisherman quartet include Paul Zorn '50, as Ahab, Arthur Wasserman '51, as Noah, Jerry Beushausen '52, as Gideon, and Owen Thomas '51, as Seaworthy.

To Be Presented in March
The first rehearsal in preparation for the production on March 17 and 18 at the Cambridge Latin and High School Auditorium was held on Tuesday, October 25. The play is being directed by Brewster Denny, an instructor from the English and History Department here at the Institute.

The members of the male chorus include: Robert Barnes '53, Marvin Blume '53, George Bradley '52, Robert Butters '51, Ralph Cooper '52, Robert Damon '52, Richard E. Dobroth '50, Nathan Falls '50, Douglas Haven '52, Craig Hood '50, Fred Kurzweil '50, Kerrick Lawson '53, Marc Leibowitz '51, Robert Masaro '52, Richard Matthews '51, Martin Miller '51, Joe Pluzga '50, Mariano A. Romoguera '50, George
(Continued on Page 4)

Cave Exploring Trip Planned By MITOC

The Outing Club is planning a trip to Eldon's Cave near Pittsfield, Massachusetts this weekend as one of its major outings of the current season. Traveling in an ROTC bus, the club will be accompanied by those members of the ROTC who are interested in the trip.

Another event, planned for the Armistice Day weekend, will be a trip to Mt. Katahdin in Maine. Transportation for this event will also be an ROTC bus, which will leave Thursday evening and return Sunday. Both outings will be held in conjunction with similar clubs from the neighboring colleges. Students who are not members are invited to attend.

Later in the season, the club plans several longer trips to New Hampshire, where they will ski, conditions permitting.

Tech's-A-Poppin Dates, Tickets To Be Prizes For 5 Lucky Romeos

Tickets and dates to Technology's annual sports weekend, Tech's-A-Poppin, will be the prizes at a rally to be held Thursday, November 10, at 12:00 noon in the great court.

Numbers to be drawn at the rally by an Institute secretary correspond to those on leaflets dropped by Technology Flying Club planes on Field Day. Ten men without dates to TP will

Students To Hear Shapley Speak On Universal Science

Famous Astronomer's
Lecture Scheduled For
10-250 November 8

Technology students and faculty are to have the opportunity to hear one of the world's outstanding scientists speak when Dr. Harlow Shapley lectures in room 10-250 at 5:00 p.m. Tuesday, November 8. Dr. Shapley's lecture is being sponsored by the Lecture Series Committee. The topic of the famed astronomer's talk is "Progress in International Science."

Dr. Shapley has long recognized that scientific progress depends upon complete cooperation between all nations, and he has actively worked to bring about "one world of science." His world-wide prominence is indicated by the numerous responsible positions to which he has been elected; he has recently retired as the president of the American Association for the Advancement of Science.

Best Known Astronomer

Probably the best-known astronomer in this country today, Harlow Shapley received his Ph.D. from Princeton in 1913 and began to receive professional recognition in 1914, his first year at the Mount Wilson Observatory in California. During that year he put forward his "pulsation theory" of the variable stars known as "Cepheids." He then discovered a key to measuring the distances of the remote Cepheid variable stars, and demonstrated that our universe is a thousand
(Continued on Page 4)

Tau Beta Pi Elects 40 New Members

Ten Honor Members
Named At Last Meeting

The Technology chapter of Tau Beta Pi, the National Honorary Society for Engineers, elected 40 new members at a meeting on November 1. The ten Juniors who are honor members, and the 30 Seniors, were chosen on a basis of scholarship and extracurricular activities.

The new Senior members are: Norton Belienad, V. Henry Ellenberger, Robert Paul Smith, James B. Legrazie, Andrew Te-an Ling, Alan Harvey Vort, Robert Byron Wolf, William David Mohr, William K. Talley, James A. Miller, John H. MacMillan, Charles A. Govatsos, Walter Kimball Fales, Barton Brown, Alfred M. Petrofsky, Donald Clarice Lea, Thomas Howitt, Jr., Robert E. Kendall, Howland A. Larien, Jay Mendel Bedrick, Emile Francis Harp, John Ottomar Adams, Robert F. Abbanat, Hans Joerb Stern, James R. Calkins, Louis H. Washauer, Paul F. Eberhard, Henry Morgan Fournier, Carl Long, Lindsay Russel.

The new Juniors are: George Lewis Turbin, William Robert Lucas, David Vincent Ragone, Marc Aelion, Kenneth Kopple, Robert S. Gooch, Arthur Wasserman, Irving Manning, David Hill Carleton, Louis Galen.

be chosen to enter a blind date contest for five Rogers Models whom they will escort to the entire weekend.

The contestants will compete in pairs on one side of a partition with the object of their desires on the other and a phone connection between. After an allotted time of date-making by each man the girls will choose the winner.

Bril Tone stands five feet eleven inches with reddish-brown hair. Her titles include Miss Minnesota Smiles and Miss Kaiser Traveler for New England. Among the many talents of Jan Watts, a five foot five and one-half blond, are dramatics, ballet and modern dancing, and radio.

Patti Palmer represented Boston in the American Legion Contest last year with her five feet six inches of pulchritude. She has modeled extensively in New York and Boston and is another ballet aspirant.

Anne Howe, a natural blonde of five foot four, is an ardent sports enthusiast and boasts the titles of Boston Snow Queen and Boston's Most Promising Junior Miss. Toni Carr, a five foot seven and one-half inch fashion model, has recently made a publicity short in Hollywood.

Inst. Comm. Has Busy Day

Long Discussion Held
On Budget Committee

Time ran out for the Institute Committee in its meeting last Wednesday and the results of the elections for Senior Week Committee, Junior Prom Committee, and Senior Ring Chairman were not approved.

As the clock moved toward the previously set adjournment hour of 6:50 p.m., prolonged discussion on one apparently successful senior week candidate who had made a misstatement on his nomination form threatened to hold up all the results. A last minute attempt to vote on the Junior Prom Committee and the Senior Ring Chairman failed when the meeting officially ended.

Earlier, the meeting was delayed by a long controversy over the selection of four temporary Junior members of the Budget Committee: Gregor J. Gentleman, Fred G. Lehmann, Robert G. Norton, and William H. Shenkle. According to the Budget Committee Constitution, the Executive Committee had picked these men from eight candidates by personal interviews.

When questioning brought out that the men had been chosen for potentialities as future chairmen of the committee, not necessarily for experience, and that two of the men were fraternity brothers, each was given a chance to talk briefly to the Committee on his qualifications. A vote finally approved them. 16-12.

SENIOR PICTURES

For the convenience of those Seniors who have not returned their Technique picture proofs to Waid Studio as yet, a representative from the studio will be here next week from November 7 to 10 to collect proofs of those seniors who have not yet returned them. The proofs can be returned between 4 and 6 p.m. in the Technique office.

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FAIR WARNING

This past term we have made it a policy not to be so presumptuous as to deplore anyone's misdemeanors or urge anyone to behave himself decorously, and we don't intend to begin deploping and urging now. Recently, however, certain facts have come to our attention which we shall pass on to you and let you come to your own conclusions. There is now a minor crisis in Walker Memorial Committee with regard to the Building 10 displays.

The incidents which prompted the to-do were some displays of questionable propriety and restraint, and a nearly incessant high noise level throughout the day. As an immediate step to relieve the nearby office workers of aural strain, the Committee has recently banned the use of public address systems in the Building 10 area. In addition, vocal hawking of wares will be limited to the ten minutes between classes. All this is to the good, for the din in the halls surely caused more annoyance to the people who worked in the vicinity than it was worth in terms of the few dance tickets, magazines, and newspapers it was supposed to sell, if the noise was a sales asset at all.

Notorious among the questionable displays was the Schlitz Singers' Swing ticket booth of some two weeks ago. It is probable that few students were offended by the pictures and slogans exhibited, but reports have it that some visitors, Faculty and Administration members, and secretaries took exception to such prominent flaunting of somewhat suggestive material. Here we meet the question of what is reasonable to display and what is not; certainly, in this day it should not be necessary to adhere to the standards of a few puritans, but neither is there any excuse for offending a reasonably broadminded person. Taken out of context, nothing in the display was really indecent; however, it must be admitted that the attitude in which the material was presented was hardly in the best of taste.

Some criticism has also been leveled at the latest Voo Doo sales booth done in sideshow style. Our private opinion in this case is that Voo Doo was on this side of the borderline. Furthermore, the propriety of placing this booth in a position covering the World War I memorial on the wall was questioned; at the risk of appearing ungrateful, insensitive, and boorish, we think that this criticism is somewhat picayunish or inspired by somewhat excessive sentimentality.

Passing no judgment ourselves, we have tried to present some objections that have been circulating about student activities in Building 10. If the Faculty or Administration finds that these activities are annoying, offensive, or detrimental to the Institute's good name, it is quite justified in taking whatever steps it may wish to bring relief. Indeed, thinly veiled suggestions have been already made that unless matters improve the use of Building 10 will be withheld from the students. Apart from any moralistic considerations, for purely selfish reasons it behooves the activities to plan their publicity with the interests and values of other Institute personnel in mind.

NO COMMENT DEPARTMENT

Virginia Davis, sister of Gary Davis, the self-declared citizen of the world, recently traveled around Europe armed with two documents — her United States passport and an "international identity card" issued by her brother. She planned to use her passport only if necessary, and she succeeded in crossing several European borders, including some so-called iron curtain ones, using only the identity card. To quote from the UP article, "Miss Davis said that the only time she had to use her U. S. passport was when she flew into New York's international airport. She said when she showed her world citizenship passport to a U. S. customs official, he just grunted, 'World citizen, huh? We don't believe in that stuff.'"

Letters to the Editor

Letter to Ed:
 Dear Sir:

It was very gratifying to find that The Tech for October 25 took notice of the most recent of many honors conferred upon Dr. Dard Hunter, who is internationally known for his work in the study of handmade papermaking and for his collection of material. Your story could not very well be editorial and therefore could not say what I can say, that the material in this collection, currently housed in Room 7-321, is beautiful and interesting as well as distinguished from a professional point of view. It will be moved in due course to the new Hayden Library, and when it is there I expect more students will find it easy to visit it.

But once the move starts, it is unlikely to be in very good visible form for a few months and I would suggest that those students who are not going to be here another year would find it worth their while to pay a visit to the collection while it is housed in its present quarters and still available for inspection.

John E. Bouchard
 Dean of Humanities



The following item appeared in a recent issue of the RPI Polytech. "Wild craze sweeps campus. Upperclassmen running loose, driven by mania to cut hair. Snippers are clipping on underclassmen as hair falls in bushels."

Those Coop barbers . . . RPI graduates no doubt.

Not only are many of our classes dull and uninteresting, but so are the walls of the rooms that house them. And when passing through the corridors of the main building, one of the things that has always bothered us is the excessive use of rather drab-colored paint.

We have never been able to find out why the majority of our educational institutions persist in maintaining such somber interiors. It is heartening to note that a step towards the correction of this has been made at the Institute. The nauseous-creams have been replaced by a lighter grimey-grey in many of our buildings. Fluorescent lighting now helps us to identify the cobwebs in the far reaches of the corridors of Building 8, but certainly we are a long way from perfection.

We'd like to recommend something bright and cheery. How about pastel green or blue. At least this would remind the weary student that there is a brighter side of life. What say, Buildings and Power, how about dipping the paint brush in another color for a change.

Rumor says that the Voo Doo machine has broken down. Correspondents report that experts have been called in to see exactly what caused last month's catastrophe!

Several days ago, a "Special Steak Dinner" was the feature attraction on the Walker Memorial bill of fare.

The Boston "T" Party
 is Tech's-A-Poppin



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Reviews & Previews

Last Wednesday evening I spent about three hours in the auditorium of the Cambridge High and Latin attempting to figure out what Martha Graham was up to. This being my initial shot of Miss Graham's version of The Dance, it wasn't an easy job, but about half way through the program I think I caught on: I'll pass on what I figured out, anyway.

Let's see now, first of all I was struck by the way in which the dancing and the music were welded together. In classical ballet, people dance to music, here the performers danced with (or perhaps even more exactly, "in") the music. Secondly, there were no conventional postures, none of the forms and figures of the classical ballet; the motion of the performers instead was continuous, dynamic, rather than the series of forms followed by the classical ballet.

Essentially then, we are faced with an art form in which the dance is inseparable from the music, as indicated by the lack of forms (i.e.: postures) in it. The question that then poses itself is simply "what is it?" How should we evaluate it if it is neither music nor dance in the sense we know it; how can we understand it?

The answer, I think, is best given in terms of an analogy. Suppose we consider a Mozart symphony and ask a few questions about it like where is the plot? What do the characters represent? Why don't the instruments sound like ordinary things? Obviously, none of these questions are pertinent to the symphony; we are simply trying to understand it in terms of something else, when we should be trying to understand it for itself. It took me about an hour and one-half to realize that this simple idea was the key to Martha Graham; I was simply trying to understand a different language than she was speaking.

Otherwise, all I can say is the Miss Graham was her usual self, and that's that. Also I particularly enjoyed Erick Hawkins as King Lear and the score for "Diversion of Angels" by Dello Joio. One criticism: the program notes are superfluous; even, worse, they are misleading; if you read them, you keep looking for things that obviously aren't there. They should be deleted.

—F. V.

As one of our friends started cutting the tender morsel on his plate, he noticed that the handle of his knife had become separated from the blade, due no doubt to the excess strain that had been placed on the utensil. Our amused diner quickly brought the two pieces of the knife to one of the dining hall managers, who happened to be standing near by. The manager apologetically murmured, after carefully placing the pieces in a napkin, "Hmmm, we'll have to check with the manufacturer of the knife."

"Better still," replied our friend, "check with the manufacturer of the cow!"

M. C. G.

Brave: Where we go-um to-
 night?
 Squaw: Let's go to T.P.

FOR SALE: 1937 Studebaker
 4-door sedan, 58,000 miles,
 radio, heater, good tires,
 engine quiet, interior clean.
 \$150. Call BE 5-3933-J.

Boston Baedeker

By RICHARD J. POWELL

Looking at my music calendar, I see that there are three major attractions taking place in and around Boston within the next few days: the week-end concerts of the Boston Symphony, Jennie Tourel's recital and the opening concert of the Bach Festival given by the Cambridge Collegium Musicum.

New Concerto

This week's program of the Boston Symphony Orchestra includes somewhat of a novelty, a concerto for Ondes Martenot and orchestra by Jolivet. The Ondes Martenot, named after its inventor, is a recent addition to the increasing field of electronic instruments. The soloist will be Ginette Martenot. Along with this concerto Charles Munch shall also conduct the Mozart Symphony No. 38 in D major, the "Prague" and the Fourth Symphony in E minor of Johannes Brahms.

Tourel Recital

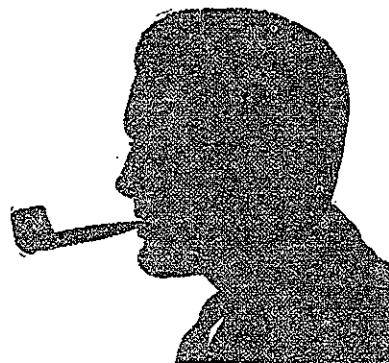
Sunday afternoon, November 6th, the mezzo-soprano Jennie Tourel will present at Jordan Hall the second program of the Aaron Richmond Celebrity Series. Miss Tourel shall offer the following works at her recital:

Ah! che forse si mei Cherubini
 O Sleep, Why Dost Thou Leave Me Handel
 Man Is for Woman Made Purcell
 Mainacht, Wie geniet Brahms
 Freundschaft Vision, Zueignung Strauss
 Et tu, voce pica fa Rossini
 Adieu de l'hôte de la table Bizet
 Mandoline Debussy
 Oh quand je dors Liszt
 Two songs from "La Perichole" Offenbach
 By Beloved, Melancholie Chopin
 The Maiden's Wish

Bach Festival

"The Musical Offering" will be the featured work at the first concert of the Bach Festival given by the Cambridge Collegium Musicum this Monday evening, November 7th, at 8:30. Also on the program will be the Concerto in C minor for oboe, violin, strings and continuo. Erwin Bodky, harpsichordist, Wolfe Wolfinson, violinist, and Iwan O'Archambeau, cellist—members of the Collegium Musicum—will be assisted by James Pappoutsakis, flutist, Louis Speyer, oboist, and other members of the Boston Symphony Orchestra.

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Booters To Face Conn. Tomorrow

Registration Certificate Admits Tech Students

Tomorrow afternoon the Tech soccer team will have one of its biggest tests of the season when it runs up against Connecticut on Briggs Field. Last year's New Eng-

He: Let's go to Tech's-A-Poppin.
She: I'm not prone to argue.

land champs are having another great season, having lost but one game.

Beaver Captain Dimi Dimitriou, who was injured in the RPI game, will probably be back in the starting lineup.

The game, which will begin at 1:30 p.m., is the first for which an admission fee will be charged according to the new AA policy.

Hoop Squad Prepares For '49-'50 Campaign

From 5 to 6:30 every evening now-adays, Walker Gym reverberates to the sound of bouncing basketballs and the booming voice of Ted Heuchling, as the Tech court squad works out in preparation for its '49-'50 campaign. Seventeen games are listed on the Beaver slate for this winter, with all but one a hold-over from last year's schedule.

With a large number of lettermen as well as several members of last year's successful freshman squad, it looks as if Heuchling has the material for a good team. It should certainly be an improvement over last year's outfit, which won only three out of 17 games.

Morton to Lead Squad

Heading the list of returning lettermen is captain-elect Lou Morton, back for his fourth season of

How do You Rate
With a ROGERS' Date?

The Beaver Barks

By GENE LUBARSKY

There is a movement under way in the A.A., instigated mainly by Coach Warren Berg, to inaugurate a Southern trip for the baseball team next spring as a preparation for the coming baseball season. Though this is standard practice at most neighboring colleges, including schools on the Beaver schedule, it would be unprecedented here at Tech and a move in the right direction.

This year, with the added facilities the Rockwell Cage will provide, conditioning practice will begin early in February, whereas in other years spring sports could not begin till March. This added month of practicing in reality will do the team good unless the boys can get into actual competition. As last year's record will testify, the Beavers sorely needed the opportunity to work together as a unit before the actual season began.

Last year, though officially the second for baseball at Tech, was really the first organized season. This year the squad will have all but two lettermen returning, and in addition will be bolstered by prospective sophomores from last year's frosh team.

Five Games Scheduled

The proposed spring trip would include games with Colleges in the

(Continued on Page 4)

PROVE
TO YOURSELF

NO CIGARETTE HANGOVER

when you smoke PHILIP MORRIS!

HERE'S
ALL YOU
DO!

In just a few seconds you can prove

PHILIP MORRIS

IS DEFINITELY LESS IRRITATING
than the brand you're now smoking!



1...light up a
PHILIP MORRIS

THEN, just take a puff—DON'T INHALE—and s-l-o-w-l-y let the smoke come through your nose. Easy, isn't it? And NOW...

2...light up your
present brand

Do exactly the same thing—DON'T INHALE. Notice that bite, that sting? Quite a difference from PHILIP MORRIS!

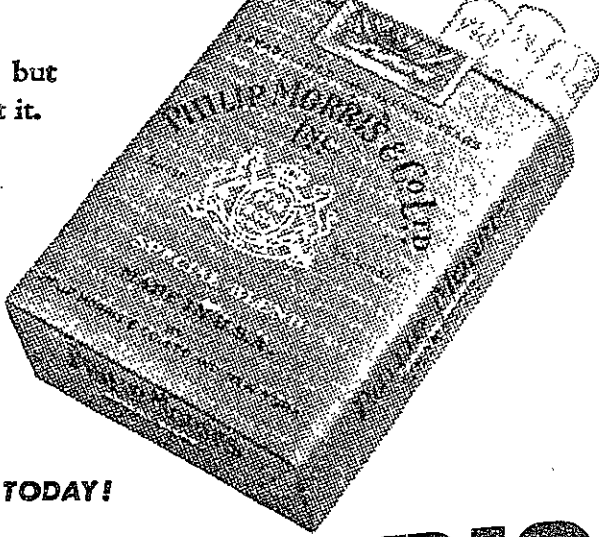
NOW YOU KNOW WHY YOU SHOULD BE SMOKING PHILIP MORRIS!

Everybody talks about PLEASURE, but only ONE cigarette has really done something about it.


That cigarette is PHILIP MORRIS!

Remember: less irritation means more pleasure. And PHILIP MORRIS is the ONE cigarette proved definitely less irritating, definitely milder, than any other leading brand.

NO OTHER CIGARETTE CAN MAKE THAT STATEMENT.




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CALL FOR **PHILIP MORRIS**

Tech's-A-Poppin
Social-Athletic Weekend


ROGERS' MODELS
"SAY HELLO"
Nov. 10



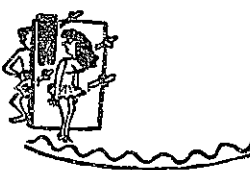
A knife-thrower's partner did quake




At the motions her husband would make,



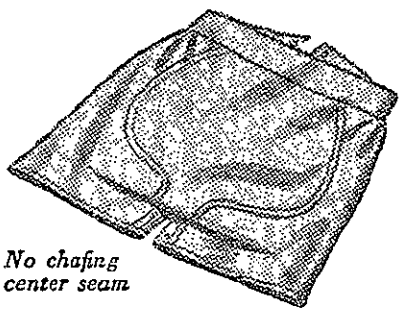
Arrow Shorts are what's needed.



So get some!" she pleaded.



"Remember, my life is at stake!"



No chafing center seam

If you have a deep seated conviction that something is creeping up on you, your trouble is ill-fitting shorts.

For real comfort below decks, see your Arrow dealer for Arrow shorts and you'll have the best seat in the house!

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SHIRTS, UNDERWEAR, TIES and HANDKERCHIEFS
AT THE
Technology Store

WMC Plans Move Of Bulletin Boards

Strategy Will Transfer Boards Toward Hayden

Plans are now being made for a revision of the present bulletin board system at Technology. A committee consisting of faculty members and student representatives has been formed to study the problem of placing bulletin boards in strategic positions which encounter the greatest amount of traffic flow throughout the day.

The estimated large movement of students through the new Hayden Memorial Library will demand that a shift of bulletin boards be made to that building. Likewise, the corridor at Buildings 2, 4, and 6 will receive a large number of bulletin boards corresponding to the large student flow there.

No space

The departmental boards will undergo only slight change, since they will remain within the area of their particular division; however, the two other types of boards, the official boards used by the administration and the student activity boards used for student interests will suffer the largest revisions.

Phones

(Continued from Page 1)

not be used however, because then the Institute is charged for a call. There is only one exception to this rule. Long distance cannot be dialed except through an operator in the manual switchboard room. However, when an absent-minded caller dials "9" and then long distance, he suddenly finds himself talking, not to the Cambridge operator, but to the M.I.T. operator.

When Operators Go Home

The manual switchboard is in operation from 8:00 a.m. to 6:15 p.m. weekdays and from 8:00 a.m. to 2:00 p.m. Saturdays. After the manual switchboard closes in the evening, automatic dial operation still handles all inside calls. Calls coming in from the outside are then handled in a unique manner. Instead of traveling to the operator in the manual board room, the telephone signal is sent to the switchboard in the undergraduate dormitories where an operator there receives the number and completes the call by dialing.

It was not until 1942 that the first automatically operating dial board was installed. All calls were handled by operators who stayed on duty from 7 a.m. to 8 p.m.

Beaver Barks

(Continued on Page 3)

Washington and Virginia area. Five games have already been tentatively scheduled, including contests with Washington and Lee, George Washington University and Virginia Tech, all teams in the Southern Conference.

The sentiment is strong among the players for such a trip. All of them who were approached by Captain John MacMillan would be willing to foot the bill for incidentals should the budget of the A.A. be unable to stand the drain. According to the plan the team would leave the first Sunday of spring vacation and would return the following Sunday, thus foregoing its usual vacation period and no one would miss any classes.

Ben Martin's Lacrosse squad could also benefit from a similar trip and the players are also strongly in favor of one. Whether or not such trips will occur is up to the Budgeting Committee of the A.A. It is up to them to decide whether Tech will field teams that have been given the opportunity of pre-schedule seasoning or whether it will field the usual hit and miss aggregations. Schools that have scheduled us might not be willing to chance an open date in the future, should we cancel this time.

Basketball

(Continued from Page 3)

season opens.

Among the leading sophomore candidates for spots on the varsity squad are Mike Nacey, Herb Glantz, Larry Garthe and Lou Lee. Other candidates include Ken Harms and Bob Haas, both of whom saw action two years ago but weren't out last year due to scholastic difficulties.

More Depth This Year

The big difference between this year's five and last year's should be in depth, according to coach Heuchling. With the knowledge that they will not be forced to play close to 40 minutes each game, the starting five will be able to play harder during the time they are in the lineup, and this fact should improve the effectiveness of the team a great deal. The sophomores have a lot to learn, especially in defensive play, but they have looked good in practice thus far, according to Heuchling.

The lone change in this year's schedule is the replacement of Colby with St. Anselm's College. The slate features the usual home-and-home series with Tufts, B.U., Northeastern and Brown, and opens with the Techsappopin game against B.U. on December 2.

Shapley

(Continued from Page 1)

times bigger than astronomers had previously supposed.

At Mount Wilson, too, Dr. Shapley discovered a new center of the universe, a spot in the constellation Sagittarius, now called "Shapley Center." In 1918 he showed that our sun is a star of one of the star clusters in the heavens.

Director of Harvard Observatory

Since 1921, when he left Mount Wilson, Dr. Shapley has been director of the Harvard Observatory, and in this capacity he has been largely responsible for making Harvard one of the most important astronomical centers in the world. At Harvard Dr. Shapley and his associates have made substantial progress in exploring and charting the heavens; they have made the most complete collection of celestial photographs in the world.

But Dr. Shapley is not an ivory-tower astronomer with an indifference to human affairs; one of his salient characteristics is his profound concern for the future of man. In the baccalaureate address, which he delivered to the M.I.T. class of 1947, he stressed that the "real enemies of mankind are not human. Only human beings are artificially made into enemies."

Tech Show

(Continued from Page 1)

Sanders '52, and Edward Weisman '52.

The female chorus includes: Nancy Chandler, Joan Chase, Constance Cooper, Dee del Nunzio, Vivian Epstein, Betty Anne Ferguson '53, Madeline Foote, Jeannie Fourel, Martha Funk, Marjorie Glow, Benyl Hauley, Beth Hayland, Pat Kelleher, Jeanne Knocke, Buena Kuchne, Harriet Leipner, Janice Levinson, Mary Matas, Mary McKay, Esther Parker, Bunny Phillips, Eleanor Semple '51, Julie Unverforth, and Mary Lee Wilson.

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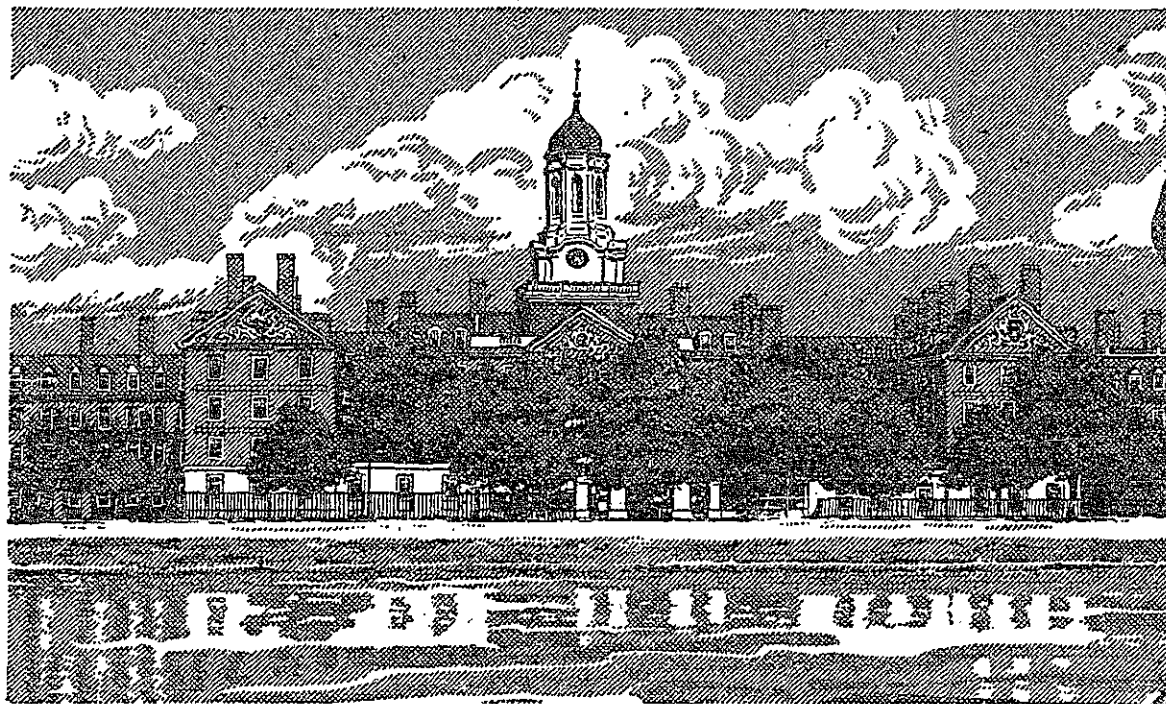


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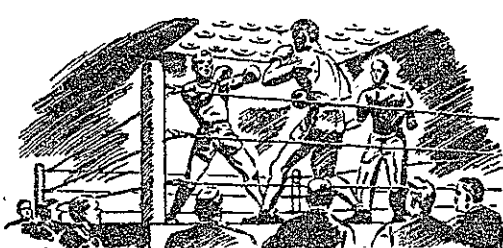
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Major Ed Wall, Harvard '40 -Flying Executive, U.S. Air Force!



Born in Newark, N. J., he moved to Boston at an early age, graduated from the public Latin high school in 1936, entered Harvard the same year, where he majored in economics and government.



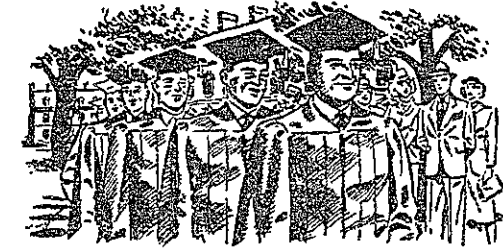
"Active on the campus" — he played football, earned his letter on the boxing team. He worked part-time in a variety of jobs from bouncer to baby sitter, received his AB degree in 1940.



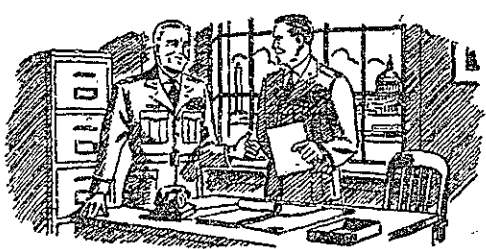
He enrolled in Harvard Law School, left at the beginning of the war to become an Aviation Cadet. In December, 1942, he won his pilot's wings, received a Reserve commission as Second Lieutenant.



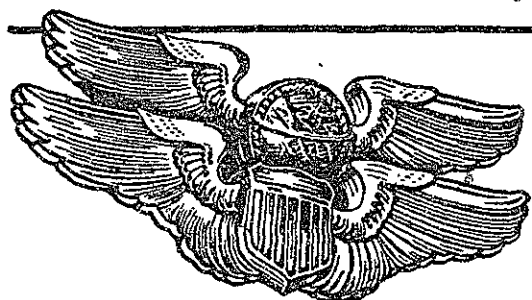
Assigned to anti-sub patrol duty, he flew B-25's and B-17's before going overseas in 1944, where he flew 30 missions as a B-24 pilot. Shot down over Germany, he was a prisoner of war for 3 months.



Back in the States with his English wife, he earned his Regular commission. Then he returned to Harvard under the Air Force college training program, receiving his LLB degree in 1949.



Now, he is confident about his future and security. As a pilot and legal officer of Bolling Air Force Base, D. C., Major Ed Wall is a typical U. S. Air Force flying executive . . . with a challenging career.



If you are single, between the ages of 20 and 28½, with at least two years of college, consider a flying career as an officer in the U. S. Air Force. You may be able to meet the high physical and moral requirements and be selected for training as an Aviation Cadet. If you do not complete Aviation Cadet training, you may return to civilian life or have opportunity to train at Officer Candidate School for an important officer assignment in non-flying fields.

Air Force officer procurement teams are visiting many colleges and universities to explain these career opportunities. Watch for their arrival—or get full details at your nearest Air Force Base, local recruiting station, or by writing to the Chief of Staff, U. S. Air Force, Attention: Aviation Cadet Branch, Washington 25, D. C.

U. S. AIR FORCE

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